

## **PUBLIC SAFETY**

### **ISSUES**

Fairfax County continues to demand the timely delivery of modern, efficient public safety services. Provision of an appropriate level of service requires facility improvements of three general types: construction of new facilities to provide improved service levels; construction of new facilities to replace temporary rented or substandard quarters; and renovation and/or expansion of existing facilities.

The Fairfax County Fire and Rescue Department has reevaluated the present configuration of fire and rescue stations for existing and projected service delivery and response based on revised fire and rescue standards for the County. The Department, in conjunction with the Department of Planning and Zoning, completed a master plan for fire station locations and fire rescue allocations to meet demands for service which will accompany the growth and development envisioned in the Fairfax County Comprehensive Plan.

The Fairfax County Fire and Rescue Station Location Master Plan (10/88) identified seven new fire station locations, based on criteria for fire station requirements, site location and site size. Kingstowne, Fairfax Centre, West Centreville, North Point, South Clifton, Hunter Valley, and Wolf Trap were the areas identified as needing stations. In subsequent years, the need for a station at Crosspointe was identified. The master plan defined criteria to determine where new stations were needed. This process involves an analysis of incident activity, population, development types and densities, road networks, target hazards, topographical information and a 5-minute travel response time of the responsible units from the station to the scene of the incident. The criteria for site location addresses the physical location of the station and how it will minimize fire and rescue operations response times.

The demands on the existing FRD training academy continue to exceed the availability of resources. While the current CIP provides funding for renovations to the current West Ox site, it is evident that additional

classroom and specialty fire training space be identified. FRD staff has had preliminary discussion with the Metropolitan Washington Airport Authority (MWAA) concerning the possibility of developing a shared facility at Dulles International Airport.

Video conferencing capabilities to allow magistrates to provide arraignment capabilities from satellite locations may enhance the ability of the Sheriff's office to operate satellite intake centers. The Sheriff's Office has embarked on a pilot operation of the Mt. Vernon Satellite Intake Center and the Mason Satellite Intake Center. Workload data has been analyzed to determine if the satellite intake facilities will be permanently transferred from the Police Department to the Sheriff's Office. This project required a comprehensive review of the Fairfax County Police Department operations at the district stations and the number of inmates who may be diverted from the ADC. Pretrial release standards may permit the detention of individuals for short periods at these facilities. This process would reduce the transport time the Police Department currently operates with. Program impacts may include prisoner processing to include photographing, fingerprinting and outstanding record checks. Following the completion of this evaluation, recommendations were forwarded to the Board of Supervisors for its action.

The primary goal for the Police Department and the Sheriff's Office is the adequate training of uniformed personnel to ensure mandatory Department of Criminal Justice standards of all law enforcement and law enforcement related mandates are met. This goal will be facilitated by the completion of the new Public Safety Range in Chantilly.

The Police Department has identified the need to construct a Police Station in the Sully District to meet the service needs in the rapidly growing community. The site will also serve as a government center for the area. The Police Department has identified the need for expansion of the West Springfield, Mount Vernon Police and Reston Police Stations. All three locations are conjoined with government centers and require additional space to meet the needs of expanded staffing and Community Policing Efforts such decentralizing public safety communications and central records functions as well as in enhancing police service delivery efforts. The Police Heliport is in

need of renovation to construct office and classroom space for staffing and paramedic training requirements. The Operations Support Bureau has outgrown its current site, a former elementary school building. Current renovations to the motor garage have exhausted available space for motorcycle storage and other specialized equipment. Long term plans call for considering conjoining the New Operations Support Bureau with the new Providence District Supervisors Office in a centrally located area.

The Police Department has also identified the need to construct an Forensics Facility to accommodate the technical and forensic units, such as the Crime Scene Section, NOVARIS, and the Computer Forensic Unit. These units have outgrown their current facilities capacity. The Department has identified the need to replace the Police Annex Building, which is nearly forty years of age. The Property/Evidence Section is in need of expanded space and modernization. The Evidence Section maintains evidence of all unsolved felonious crimes, and those offenses awaiting trial. Long term plans for the Department also include expansion of the McLean District Station and relocation of the Public Safety Communications Center which is also housed in a former elementary school building.

The Police Department has identified the need to improve the delivery of services, from the Department of Animal Control, to the residents of Southeastern Fairfax County. Currently all Animal Shelter Facilities are located in the central part of the County on West Ox Road which is inconvenient to many residents. Funds have been allocated for land acquisition and construction of the South County Animal Shelter to be located in the South/Southeastern part of the County.

The Police Department has identified the need to replace the current Drivers Track office and classroom space. The current space consists of portable trailers which no longer meet the training needs of the Department.

Four vehicle maintenance facilities provide service to the County's public safety fleet as well as other County vehicles. Jermantown Road garage has undergone renovations and expansion. The Newington and West Ox facilities will need to be expanded to accommodate vehicles

from the Park Authority and Fire and Rescue Department. The County recently purchased the Alban Road garage facility.

## **PROGRAM GOALS**

The primary goals of the Public Safety Program are:

- 1) To protect persons and property by providing facilities that will aid in the enforcement of the laws of the Commonwealth of Virginia and Fairfax County.
- 2) To provide facilities that will aid in the prevention of fires, the control and extinguishment of fire incidents and the provision of emergency medical services.
- 3) To provide facilities that will aid in the development of effective training programs for public safety personnel.
- 4) To provide facilities for the humane care, feeding and temporary shelter of stray or unwanted animals.
- 5) To provide facilities that will ensure that the County's public safety fleet is operated in a safe and cost-effective manner.

## **COMPREHENSIVE PLAN GUIDANCE**

The Policy Plan for Fairfax County's Comprehensive Plan has established a number of objectives and policies in order to develop and maintain a viable system of public safety facilities and to achieve and/or maintain various public safety systems standards. By achieving these accepted standards, the County is assured of adequate public safety services and a solid system of public safety facilities.

The Policy's Plan objectives for an efficient public safety system includes prudent economic planning; strategic site and locational planning; environmental protections; and land use objectives to safeguard against incompatible uses and design.

Standards specified in the Public Safety element of the Plan identify a seven-minute service radius for fire and rescue stations and a need to locate stations where there are current service voids of at least two square miles and a projected call-level of two per day or 730 annually.

### RECENT PROGRAM ACTIVITY

In 1986, the County purchased approximately 130 acres near Route 50 and Willard Road south of Dulles Airport. It is used for firearms training and driver training for Police Officers and Sheriff deputies. It will also accommodate the Work Training Center described under the Criminal Justice Element (Project #5). Two bond referenda have been approved, 1981 and 1989, for approximately \$47.0 million to help fund this project.

In the fall of 1989, a \$66.35 million Public Safety Bond was approved for several variants of the Public Safety Program. These projects included the Public Safety Academy, the Franconia and Mason Governmental Centers expansions, various fire and rescue station improvements for existing stations, Fire and Rescue Academy improvements, and funds for seven new fire stations. The West Centreville Fire Station and the Kingstowne Fire Station were completed in 1996 and the North Pointe Fire Station opened in 2001. The addition to the Oakton Fire Station to accommodate a maintenance shop was completed in 2001. The Public Safety Facility Phase III purchase and renovation was completed in July 1996. The Public Safety Phase II - Firearms Training Ranges and Classrooms -was completed in February 1998.

In the fall of 1998, a \$99.5 million Public Safety Bond was approved to fund the Fire Station Safety Improvements, Mount Vernon Police Station, West Springfield Police Station, Sully District Police Station, and the Judicial Center Expansion and the replacement Burke Fire Station. The Burke Fire Station opened in 2001.

### CURRENT PROGRAM SUMMARY

This program area contains fifteen projects totaling \$74.52 million. The five-year CIP request for these projects is \$36.55 million and the FY 2003 request is \$12.53 million. Stage of development identified

below (i.e., construction, design and pre-design) reflects project status as of January 1, 2002.

### NEW CONSTRUCTION

#### Construction

1. **Sully District Police Station.** \$7,567,000 for land acquisition, design and construction of a facility to contain a police station, sheriff's space, community space, teen/senior center space and supervisor's office.

#### Design

2. **Crosspointe Fire Station.** \$5,880,000 for land acquisition and construction of a 14,000 square foot fire station with four equipment bays to serve the fire protection needs of the southern portion of the County.
3. **Fairfax Centre Fire Station.** \$7,310,000 for land acquisition and construction of a 14,000 square foot fire station with four equipment bays. This station will serve the Route 29 corridor between Fairfax City and Clifton Road. A site at the intersection of Legato Road and Lee Highway has been approved and purchased.

#### Pre-Design

4. **Forensic Facility.** \$5,500,000 for a feasibility study, land acquisition, design and construction of a Forensics Facility which will include technical and forensic units such as the Crime Scene Section, NOVARIS and Computer Forensic Unit. The total project estimate will have to be revised based on the design phase cost estimate for the entire 38,000 square foot facility.
5. **South County Animal Shelter.** \$3,410,000 for land acquisition, design and construction of a 15,000 square-foot satellite animal shelter to serve the southeastern portion of the County. The final project scope and total project estimate will

be determined based on results of a programming study and land acquisition.

6. **Wolf Trap Fire Station.** \$7,070,000 for land acquisition and construction of a 10,000 square foot fire station with three equipment bays to serve the area near Beulah Road and Route 7. A site near this intersection has been purchased.
7. **Public Safety Communications Center (PSCC), Operations Support Branch (OSB) and Emergency Operations Center (EOC).** \$100,000 for a site selection and feasibility study to identify a site for a new facility to house the Public Safety Communications Center, Operations Support Branch and Emergency Operations Center and to evaluate the current program requirements for these functions. These functions are currently located at the Police Department's Pine Ridge facility; however, that facility is outdated and overcrowded. The Public Safety Communications Center and the Emergency Operations Center are jointly operated by the Police Department and Fire and Rescue Department. The study is intended to provide cost information for use as part of a future Public Safety Bond Referendum.

## RENOVATIONS/ADDITIONS

### Construction

8. **Traffic Light Signalization.** This is a continuous program to install traffic light systems at fire station locations of the greatest need. Traffic systems may include traffic lights, station warning signals, and/or preemption systems.
9. **Mount Vernon District Police Station.** \$7,446,000 for design, renovation and expansion of the existing facility for a police station, sheriff's space, community space and the supervisor's office.
10. **West Springfield District Police Station.** \$10,840,000 for design, renovation and expansion of the existing facility for a

police station, community space, fire station and supervisor's office.

11. **Fire Station Safety Improvements.** \$5,460,000 for the installation of automatic sprinkler systems in older fire stations and apparatus bay exhaust systems in 20 fire stations.
12. **Newington Maintenance Facility Expansion.** \$3,423,000 for the expansion of the Newington Maintenance Facility to accommodate the collocation of Fire Department apparatus maintenance and repair, and the on-site storage of Fire Department reserve vehicles. which is currently leased.

### Design

13. **West Ox Maintenance Facility Expansion.** \$5,719,000 for the expansion of the West Ox maintenance facility to accommodate the collocation of County Vehicles Services, Park Authority and Fire and Rescue vehicles and trailers.

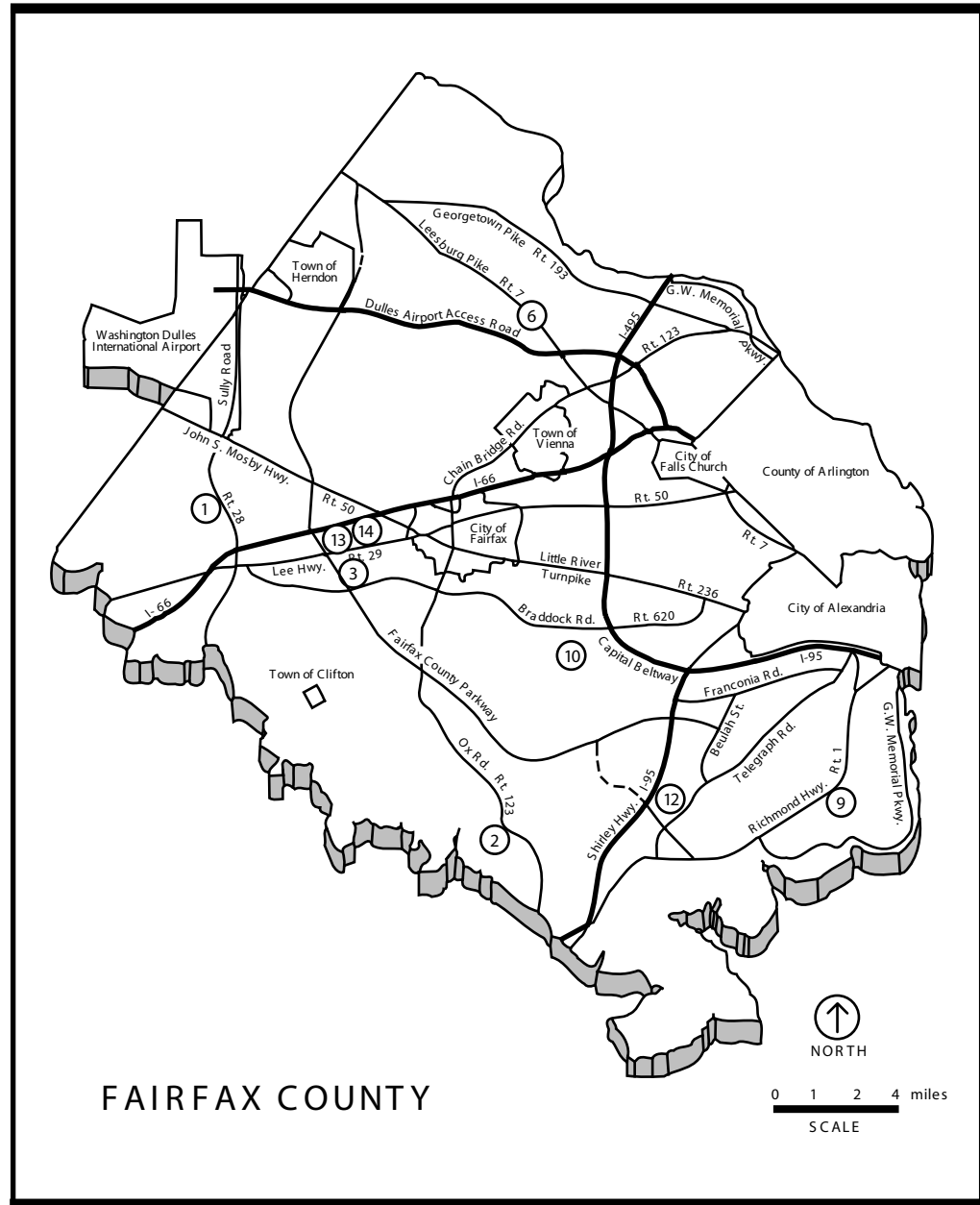
### Pre-Design

14. **Fire Academy Improvements.** \$3,760,000 to fund enhancements to the existing fire and rescue training building, including additional office and training space, gear storage area and showers. Outside improvements may include additional parking, a nine foot high security fence, a hazardous materials training pad, and an aircraft simulation training pad which will replicate aircraft accidents.
15. **West Ox Complex Renovations/Expansion.** \$75,000 for a feasibility study to evaluate the renovation and expansion of the existing West Ox Road Complex. The facilities located within the West Ox Road Complex include the landfill and transfer station, County Animal Shelter, heliport center, Fire and Rescue training facility, the Department of Vehicle Services Maintenance Facility, and a school bus parking area. The study is intended to encompass both the West Ox Road Complex and adjacent properties and will provide cost information for use as part of a future Public Safety Bond Referendum.



## Public Safety

1. Sully District Police Station
2. Crosspointe Fire Station
3. Fairfax Centre Fire Station
6. Wolf Trap Fire Station
9. Mt. Vernon District Police Station
10. W. Springfield Police Station
12. Newington Maintenance Facility
13. West Ox Maintenance Facility
14. Fire Academy



**PROJECT COST SUMMARIES  
PUBLIC SAFETY  
(\$000's)**

PROJECT TITLE/NUMBER (FUNDING SOURCE) /1	TOTAL PROJECT COST /2	AUTHORIZED/ EXPENDED THRU FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	TOTAL FY2003-FY2007	TOTAL FY2008-FY2012	ADDITIONAL NEEDED	ANNUAL OPERATING COSTS	
											START UP	RECURRING
NEW CONSTRUCTION												
Construction*												
1. Sully District Police Station /009208 (BO)	\$7,567	\$5,040	\$2,430	\$100				\$2,530			\$2,824	\$138
Design*												
2. Crosspointe Fire Station /009210 (BO)	5,880	1,250	1,300	3,160	100			4,560			294	62
3. Fairfax Center F S /009079 (BO)	7,310	1,700	1,700	3,900	10			5,610			332	88
Pre-Design*												
4. Forensic Facility /009438 (S)	5,500	5,500									1592	162
5. South County Animal Shelter /001008 (S,U)	3,410	500		700	2,210			2,910			TBD	69
6. Wolf Trap Fire Station /009094 (BO)	7,070	3,470			500	2,410	1,930	4,840			242	50
7. PSCC, OSB, EOC /009454 (G)	100		100					100				
TOTAL - NEW CONSTRUCTION	36,837	17,460	5,530	7,860	2,820	2,410	1,930	20,550			5,284	569
RENEWALS/ADDITIONS												
Construction*												
8. Traffic Light Signal. /009088 (G,X)	962	962										
9. Mt Vernon District Police Station /009206 (BO)	7,446	5,770	1,580	100				1,680			377	142
10. W Springfield District Police Station /009207 (BO)	10,840	8,120	2,620	100				2,720			478	177
11. Fire Station Safety Improvements /009090 (BO)	5,460	2,490	310	160	2,400	100		2,970				
12. Newington Main. Facility /88A014 (BO)	3,423	3,400	20					20				

/1 G = General fund, BO = General Obligation Bonds, S= State, U= Undetermined, X=Other.

/2 Total project cost may differ from Proposed CIP cash flow totals due to difference in construction estimates and project contingencies.

\*Stage of development reflects project status as of January 1, 2002.

**Note: Numbers in italics represent funded amounts.**

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PUBLIC SAFETY  
(\$000's)**

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											START UP	RECURRING
<u>RENEWALS/ADDITIONS</u>												
<u>Design*</u>												
13. West Ox Main. Facility /88A015 (BO)	5,719	430	<i>2,000</i>	<i>3,280</i>	<i>10</i>			5,290				
<u>Pre-Design*</u>												
14. Fire Academy Improvements /009073 (BO)	3,760	510	<i>400</i>	<i>1,050</i>	<i>1,700</i>	<i>100</i>		3,250			57	57
15. West Ox Complex /009455 (G)	75		<i>75</i>					75				
TOTAL - RENEWALS/ADDITIONS	37,685	21,682	7,005	4,690	4,110	200		16,005			912	376
<b>GRAND TOTAL</b>	\$74,522	\$39,142	\$12,535	\$12,550	\$6,930	\$2,610	\$1,930	\$36,555			\$6,196	\$945

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